



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

SPRING WHEAT, SUGARBEET PLANTINGS NEAR COMPLETION

Producers continued to make significant progress on field work and plantings during the past week, according to USDA, NASS, Minnesota Field Office. As of May 18th, spring wheat, sugarbeet, and potato plantings neared or surpassed the 5-year average, while corn and soybean plantings advanced rapidly. Statewide, on average, there were 4.2 days suitable for fieldwork during the week.

The average temperature for the week was 53.0°, 3.2° below normal. Statewide topsoil moisture supplies as of Friday were rated 0 percent very short, 3 short, 78 adequate, and 19 surplus.

As of Sunday, May 18th, land prepared for corn planting was 80 percent complete compared to 97 percent last year and 96 percent for the 5-year average. Corn planted was 67 percent complete compared to 95 percent last year and 92 percent average. Corn was 3 percent emerged compared to 71 percent last year and 46 percent average.

Land prepared for soybean planting was 37 percent complete compared to 84 percent last year and 70 percent average. Soybeans were 25 percent planted compared to 74 percent last year and 52 percent average.

Spring wheat was 91 percent planted compared to 97 percent last year and 92 percent average. Thirty-nine percent of spring wheat was emerged compared to 74 percent last year and 63 percent average. Oats were 84 percent planted compared to 96 percent last year and 95 percent average. Potatoes were 82 percent planted compared to 87 percent last year and 81 percent average. Ninety-three percent of sugarbeets were planted compared to 99 percent last year and 95 percent average.

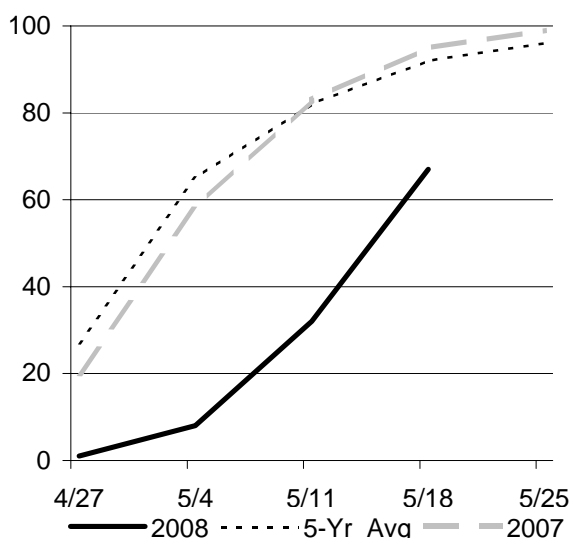
Pasture conditions were rated 30 percent fair, 46 percent good, and 12 percent excellent. Alfalfa conditions were rated 27 percent fair, 49 percent good, and 12 percent excellent.

Days Suitable for Fieldwork: 4.2				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	3	78	19

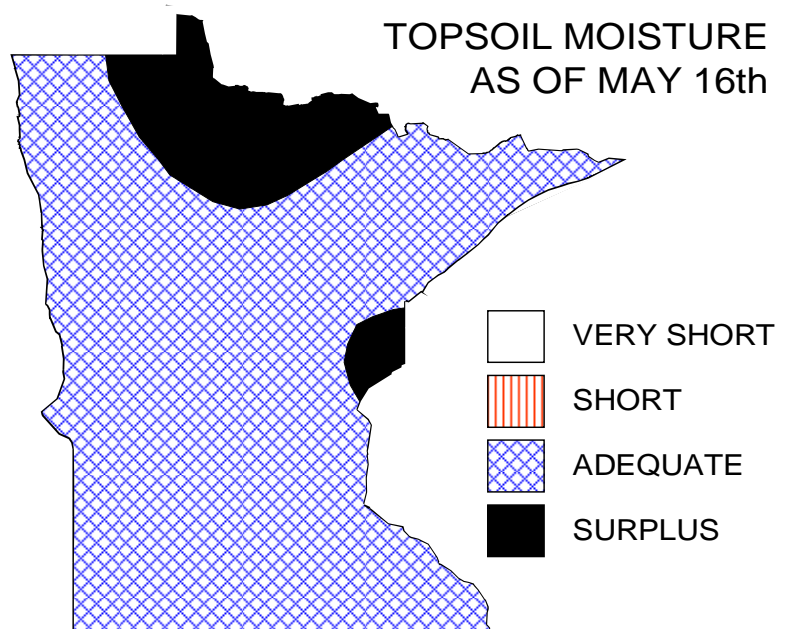
Crop Progress as of May 18, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Land Prepared	80	45	97	96
	Planted	67	32	95	92
	Emerged	3	0	71	46
Soybeans	Land Prepared	37	9	84	70
	Planted	25	3	74	52
	Emerged	0	0	20	8
Spring Wheat	Planted	91	67	97	92
	Emerged	39	9	74	63
Oats	Planted	84	65	96	95
	Emerged	40	16	80	76
Barley	Planted	84	65	97	90
	Emerged	24	6	72	57
Sugarbeets	Planted	93	72	99	95
Potatoes	Planted	82	51	87	81
Sweet Corn	Planted	19	6	45	36
Green Peas	Planted	53	34	83	73
Dry Beans	Planted	30	2	39	30
Canola	Planted	34	12	91	61
Sunflowers	Planted	39	8	70	37

Crop Condition as of May 16, 2008					
Crop	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	1	11	30	46	12
Alfalfa	2	10	27	49	12

CORN PLANTED
APRIL 27 - MAY 25



TOPSOIL MOISTURE
AS OF MAY 16th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 18, 2008:
Temperatures averaged from 5.1 degrees below normal in the North Central District to 1.9 degrees below normal in the South Central District.
Extremes: 25 degrees in International Falls, Hibbing; 84 degrees in Moorhead, Browns Valley. Precipitation averaged from 0.83 inch below normal in the South Central District to 0.03 inch above normal in the Northwest District. Greatest weekly total was 1.57 inches recorded in Warroad.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/12/2008 through 5/18/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	75	31	51.2	-5.1	.06	-.47	-.62	-1.35	46	-3
Moorhead	84	30	55.0	-2.3	.08	-.50	.37	.43	59	7
Warroad	72	34	49.4	-3.3	1.57	1.05	1.88	1.39	35	-3
<u>NC DIST 2</u>										
Grand Rapids	79	32	49.8	-4.4	.49	-.13	2.06	4.29	47	5
Intl. Falls	71	25	45.6	-7.6	.83	.28	1.22	1.21	37	-2
Itasca	77	27	49.2	-3.2	.29	-.32	1.08	2.87	45	8
<u>NE DIST 3</u>										
Duluth	74	31	49.2	-2.5	.19	-.45	1.70	1.90	37	4
Grand Marais	68	31	47.0	-.0	.56	.00	2.53	3.11	28	9
Hibbing	74	25	45.8	-6.8	.56	.00	2.09	2.56	37	0
<u>WC DIST 4</u>										
Alexandria	79	35	53.8	-2.4	.16	-.49	.33	-.16	47	-1
Browns Valley	84	31	54.1	-4.0	.03	-.48	.51	1.40	53	-1
Canby	80	37	54.2	-4.6	.13	-.50	1.88	1.90	44	-12
Fergus Falls	81	31	51.9	-4.8	.03	-.55	2.40	2.35	45	-4
Montevideo	81	36	55.0	-3.0	.15	-.54	.60	.72	53	-1
Morris	81	35	53.4	-4.3	.09	-.53	.84	1.12	47	-7
<u>CENT DIST 5</u>										
Becker	81	37	54.6	-1.9	.35	-.41	2.38	2.75	46	-3
Collegeville	81	38	56.4	-2.6	.17	-.60	1.34	1.78	55	-2
Hutchinson	81	37	56.4	-2.2	.18	-.49	1.68	2.16	53	-3
Olivia	79	34	53.4	-4.7	.32	-.34	1.66	2.04	50	-5
St. Cloud	81	36	54.0	-2.5	.10	-.53	1.79	1.42	53	4
Staples	78	33	51.0	-3.9	.13	-.53	-.08	.72	39	-5
Willmar	80	37	54.3	-3.6	.25	-.43	2.01	2.22	46	-8
<u>EC DIST 6</u>										
Aitkin	72	32	49.4	-4.1	.38	-.30	.57	2.16	39	-1
Forest Lake	80	36	54.4	-3.1	.04	-.72	1.29	1.91	58	5
MSP Airport	79	40	57.1	-2.0	.01	-.70	.79	.96	53	-4
St. Paul - UofM	79	40	58.0	-1.9	.02	-.80	1.41	2.06	62	2
<u>SW DIST 7</u>										
Lamberton	80	37	56.0	-2.7	.04	-.68	1.63	.90	52	-5
Pipestone	78	34	53.1	-4.4	0	-.74	.64	.37	44	-9
Redwood Falls	81	38	55.7	-4.4	.22	-.46	2.46	1.71	55	-6
Worthington	79	36	55.4	-1.6	0	-.73	.92	.69	52	1
<u>SC DIST 8</u>										
Faribault	78	39	54.9	-2.2	.05	-.79	.75	1.56	51	0
Mankato	80	38	56.2	-2.1	0	-.75	.75	1.34	54	-2
Waseca	78	38	55.8	-2.4	0	-.89	-.22	.68	53	-2
Winnebago	81	37	57.5	-1.0	0	-.88	1.19	3.03	58	1
<u>SE DIST 9</u>										
Preston	77	30	53.6	-2.8	.07	-.80	.10	4.55	49	1
Red Wing	79	41	56.3	-2.0	.01	-.77	.40	1.82	53	-2
Rochester	77	36	56.0	-.6	.05	-.74	.14	1.24	51	2
Rosemount	79	38	55.3	-1.9	.04	-.86	.65	1.77	52	1
Winona	75	39	55.6	-4.5	.14	-.70	.31	3.88	52	-10

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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